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Annual Report

on the

PUBLIC HEALTH

of the

Urban District of Gomersal,

FOR THE YEAR 1913,

by

E. R. F. MASON,

L.R.C.S. and L.R.C.P.,
Medical Officer of Health for Gomersal,
Fellow of the Incorporated Society of Medical Officers of Health,

and

BEN HINCHLIFFE, C.E.M. Inst., Mun. Eng's.
Engineer, Surveyor and Inspector of Nuisances.

HECKMONDWIKE:

ILLINGWORTH BROS, GENERAL PRINTERS, MARKET PLACE.

Medical Officer's Report.

Gomersal, February, 1914.

To the Chairman and Members of the
Gomersal Urban District Council.

Gentlemen,—

I have pleasure in presenting my Seventh Annual Report on the Health and Sanitary Condition of your District for the year ending December 31st, 1913.

PHYSICAL FEATURES.

The highest point is 525 feet above sea level, and is situated in Popeley Fields, on the South Side of your area. The lowest point, 230 feet above sea level, is at Rawfolds. The whole of the district is exposed to any wind. The subsoil consists of clay over-laying the coal measures. From South to nearly due North runs a ridge along which the major portion of the population reside, chiefly in Back-to-Back Houses.

POPULATION.

The Population at the 1911 Census was 3,796, which I now estimate at 3,835. Chief employment is in Woollen Mills and Machine Shops, though in the midst of the coal measures only one Mine is open in your District, and comparatively few miners live in your area.

WATER

Water is brought here from the Bradford City high level supply in iron pipes. The service pipes are chiefly lead. Quantity and quality good. No analysis has been made during the year. No plumbism has come under my notice. A few isolated dwellings obtain their supply from wells, which has proved sufficient in quantity. The quality is hard. One analysis of well water has been made during the year, found deficient, and town's water laid on.

RIVERS.

The River Spen separates Gomersal and Cleckheaton, and into this river some sewage leaks from the houses down the lower part of Cliffe Lane. There is also some leakage at Rawfolds into the same river. I understand plans for the drainage of Cliffe Lane have been prepared, but up to the present the work has not been undertaken.

DRAINAGE AND SEWERAGE.

Great Gomersal is drained into the irrigation works which are situated in Dewsbury Road and are kept in a satisfactory condition. They are quite capable of treating a larger quantity than they do at present. Some of the property situated in the Great Gomersal area still requires connecting with the main sewer. From one place opposite the bottom of West Lane, and from the houses immediately to the North, the drainage still passes along an old dry wall main sewer, ultimately emptying itself into a ditch by the railway side. Little Gomersal sewage is treated by a neighbouring authority, Liversedge. A small portion is treated by Birkenshaw and a very small portion by Birstall. The drainage of Cliffe Lane, Lower Spen, Bird Acre, and Scott Lane still requires completion.

CLOSET ACCOMMODATION.

This is on the whole satisfactory. The major portion are the ordinary ash closets, but the Council take every opportunity of insisting upon the water carriage system where possible. During the year 12 water closets have been constructed.

ASHPITS.

These, I consider, an unsatisfactory arrangement. They are always more or less wet. All sorts of domestic refuse is deposited in them. They are a constant danger to the public, being breeding places for flies, and through fermentation taking place they cause diarrhœa. They should everyone be abolished and dry ash bins substituted. Some of the ashpits are still uncovered. The vast proportion of domestic refuse should be burnt.

SCAVENGING.

This is carried out by the Council, and on the whole is satisfactory. Ash bins established during the year were 7. During the year the Council purchased 6 acres of land pretty near their boundary, on the East side, but sufficiently removed from dwellings. Any refuse taken there is buried so that the immediate provision of a Destructor is not called for.

SANITARY INSPECTION.

An inspection of the sanitary arrangements of nearly every artizans' dwelling has been made during the year and on the whole found satisfactory. The following Special Inspections have been made, 77; Defects, 7; Remedied, 0; Unremedied, 7.

LODGING HOUSES and CELLAR DWELLINGS. None.

OFFENSIVE TRADES.

These number 7, and are pretty well conducted. Every effort is made by the owners to cause as little trouble as possible. 2 Chemical, 2 Leather, 1 Sizing, 1 Gasworks, 1 Soapworks.

FOODS.

There are 4 Butchers' Shops in the District, each being situated on the main road and easily kept under observation. No diseased meat has been observed by the Inspector or myself. With respect to other foods no action has been taken. Inspections of Slaughter Houses are made regularly, and they are in a fairly good condition.

MILK.

This is on the whole good. No sample has been taken for analysis by the Local Authority during the year. Very little milk is imported.

COW SHEDS.

These now are much better than they were. The air space is 800 cubic feet per cow, but in a district like this, where there is any amount of fresh air, I think 600 feet might be allowed. 108 Inspections of Cow Sheds have been made, and only one Tuberculosis animal has been reported by the police. This cow was destroyed.

MILK SHOPS and DAIRIES. None.

SCHOOLS.

There are Three in the District.

Council School: New, opened in 1912. Satisfactory, except for the playground, which should have the surface much improved. Water good. Sanitary arrangements good.

Hill Top: This is satisfactory, except for playground, which requires an improved surface. Water good. Sanitary arrangements good.

Infants: This is good. Water good. Sanitary arrangements good.

During the year a number of cases of Ringworm came under my notice, and all three Schools were affected. At the latter part of the year fewer cases were noticed. Careful watch is kept by the staff, and any suspicious case is either brought to the notice of the School Medical Officer or sent to a Medical Man.

BAKEHOUSES.

These number 10, and are in a satisfactory condition. Each has been inspected during the year. None underground.

HOUSING AND TOWN PLANNING.

Taken as a whole the houses are fairly satisfactory. During the year 13 houses have been inspected. In old houses the rooms are low but have a fairly good floor space. Light is the most deficient quality, and some of them are somewhat damp, particularly where houses have been built on a hill side. No action has been taken by the Local Authority in respect of the advantages of the Housing and Town Planning Act, though I consider this district suitable. There is any amount of land quite free from any surrounding buildings with the main sewer already passing down the main road. There is also a dense population on three sides of the District. Tram lines run through the centre of the population. There are two Railway Stations in the Council's area, besides three other Railway Stations within little over a mile from the centre of the District. There is a general deficiency of houses of any sort.

ROADS AND STREETS.

Roads good. Streets and Backyards are repaired with ashes, and are either very wet and dirty or very dry and dusty, both very undesirable qualities, particularly as the contents of ashipts are first deposited upon this cinder surface before being finally carted away. All Backyards should be paved.

FRIED FISH SHOPS.

Four in the District, which on the whole are satisfactory, except the drainage, which requires improving. The refuse should be burnt.

DEATHS.

The total deaths registered in the District were 49 (26 males and 23 females), to this has to be added 4 deaths (3 males, 1 female) of residents which took place in Institutions outside your area, the Death Rate for the year being 13·82. Heart Disease caused 10, the death rate from this cause being 2·60. Phthisis caused two deaths, and other Tubercular Diseases three, the death rate from Tubercular Diseases being 1·30. Only one death took place from Notifiable Diseases, excluding Tubercular Diseases, giving a zymotic death rate of ·26. This death occurred in Oakwell Joint Hospital, and was that of a foreigner who unfortunately came into your area with the disease well matured on his arrival here. The zymotic death rate, including Tubercular Diseases, is 1·53. The zymotic death rate, including Phthisis, is ·76. Heart Disease always figures prominently in your District. I consider this a Rheumatic area, and Rheumatism always takes a prominent part in the production of this trouble. The deaths were distributed generally over the District, no special small area figuring prominently.

BIRTHS.

The Births number 83; of these registered in your District 44 were males and 38 females, one birth (male) being added to your area, giving 45 males and 38 females. One illegitimate child (male). The birth rate for the year being 21·64.

INFANTILE DEATH RATE.

The number of Infants dying under one year of age are 8. This gives an infantile death rate of 96 per 1000 births. Three of these deaths are ascribed to prematurity, so that of the children dying during the first year five only started with a nominal chance of survival. Excluding these three the infantile death rate would be 60 per 1000 births. This rate is far too high, and I think if the Council would adopt the Notification of Births Act and appoint one or more Health Visitors the rate could be materially reduced. Up to the present the Council have not adopted any means of control.

NOTIFIABLE DISEASES.

These number 18 (See Table II.). Diphtheria cases number 7, and 6 of them were treated at Oakwell Joint Hospital. The other case was a carrier, which was efficiently isolated at home. I am of the opinion that greater advantage should be taken of the County Bacteriological Examination before all cases are sent away. In any doubtful case Diphtheria Antitoxin can be obtained from the M.O.H. and a dose given while waiting for a report from Wakefield. If the diagnosis is correct early treatment has commenced, and if incorrect no harm is done by the administration of Antitoxin. There were 3 cases of Enteric Fever, one of which ended fatally. This was that of a foreigner who came into the area with his trouble well advanced.

There were 8 cases of Tubercular Diseases notified, 7 of them being Pulmonary Tuberculosis. No instructions are issued by the Council and no disinfection carried out unless it is asked for by the householder. Paper handkerchiefs and spittoons are provided by the Council but are rarely asked for.

In the early part of the year Ringworm was troublesome at all three Schools but never assumed serious proportions, the staff at the Schools being particularly observant. Very few cases remained at the end of the year.

INFECTIOUS HOSPITAL.

The Oakwell Joint Hospital is situated in Birstall and is well equipped and capable of treating all cases. The enlargement necessary after Batley joining has been completed. The Small Pox Hospital is part of the Oakwell scheme, and is ready to receive patients, but it fortunately has not been required.

DISINFECTION

Is carried out by means of spraying and fumigating with Formalin.

MIDWIVES. One Registered.

COUNCIL MEETINGS.

These are held Monthly, and a report is sent to each meeting of the health and sanitary condition of the District.

FACTORIES AND WORKSHOPS.

These have all been visited during the year and are all in a satisfactory condition except three. During 1911 complaint was made respecting the sanitary arrangements of one mill and water closets were advised. During 1912 this mill was not visited, as when application for admission was made we were informed no provision for our inspection had been made. During 1913 an inspection was made and some slight improvement made in the shape of a ventilating shaft from the closets with a fan at the top. This latter, however, was not working, owing to being broken down, the excreta having to be carried through the workroom and down a number of steps. I am still of the opinion water closets should be erected. The defects of the sanitary arrangements in the other two cases were brought to the notice of the managers, and in each case the manager promised to bring the matter before his directors with a view to the erection of water closets.

Yours respectfully,

E. R. F. MASON,

Medical Officer of Health.

SURVEYOR'S REPORT, 1913.

Surveyor's Office, Gomersal,
February, 1913.

To the Chairman and Members of the Council.

Gentlemen,—

I beg to submit to you my Third Annual Report on the condition of the Roads and various Works in the District, under your control generally, for the year ending December 31st, 1913.

The District has now an estimated population of 3,835, but there are continual removals to and from which makes it impossible to give exact figures.

The Trade of the District has kept good.

The year has been of a rather dry and warm nature. Crops have been above the average, making the harvesting of same an easy task.

The whole of my Departments have been kept busy, and the New Works and Alterations have received my careful personal inspection and direction.

COUNTY MAIN ROADS.

These have been maintained and carefully cleansed throughout. The County Council granted the sum of £180 for footpath renewals and channelling, which had been expended by the end of December. 600 lineal yards of Tarmacadam Channel has been laid down on the Leeds and Elland Main Road. This is the first of this description laid down in this District, and so far as can be seen of it at present, it appears that the usefulness which is expected of it will be realised. Several cross drains have been put down on this road for surface water drainage, which have made a lasting improvement. I am anticipating carrying out further renewals during the coming year. 548 tons of material was allowed for the repair of Main Roads, 166 tons of which was tarred, part being laid along the narrow margins in lieu of paving. 7,000 super yards of roadway have been surface tarred at a cost of a little over £60. This proved very beneficial in keeping down the dust and the road surface together. Further work of this description will be carried out during the coming year.

No other works of a special nature have been carried out, but a much-needed improvement ought to be carried out in the widening of the Road on the Leeds and Elland Main Road, from the Cross Roads at Hill Top to the Post Office. Here the road is very narrow with a dangerous corner. The County Council should be approached to get a grant from them, and from the Roads Board, who would probably allow one-third of the cost each, leaving a third to be borne by the Local Authority, providing these higher Authorities agreed to have the work carried out.

DISTRICT ROADS.

These roads have been carefully cleansed and maintained during the year. 157 tons of new materials have been purchased and laid on, which is the minimum quantity that is needed every year to keep these roads in a reasonably decent state of repair. If you could see your way to surface tar portions of Lower Lane, Upper Lane, Quarry Road, Latham Lane, and Fusden Lane, my opinion is it would prove beneficial, as it would render the surfaces waterproof, and thereby prevent disintegration by the action of the weather.

No improvements have been carried out during the year.

Short lengths of ditches in West Lane and Fusden Lane are still in need of being covered in.

The majority of the Footpaths are still in a bad state of repair and a fairly large length should be renewed every year till completed. None have been renewed during the year under review. The North end of Latham Lane has been put into a more decent state in conjunction with the Birkenshaw Authority. Nibshaw Lane has also been partly repaired, owing to it being regularly used by the Council's own teams. During the year a new horse has been purchased for use in the Highways Department. With the increase of work this was amply justified, and being there at call, will tend to better administration.

PRIVATE STREETS.

No works of any description have been carried out in Private Streets. Their condition remains the same as pointed out in my last two reports.

SEWERAGE AND SEWAGE DISPOSAL,

The sewers have been flushed and cleansed where necessary from time to time, and maintained in good condition, and the surface water gullies regularly cleansed. 124 lineal yards of 9″ and 6″ pipes have been laid for branch sewers, 70 yards being to replace a rubble sewer, which was choked up. 283 yards of 9″, 6″, and 4″ pipes have been laid by private owners for new property and for conversion of privies to W.C.s. The Sewage Diposal Works have received regular and efficient attention and have given satisfactory results.

The same difficulty is still being experienced with the grit from the roads, as pointed out in my last report.

Part of the land continues to be put under crops, which have again turned off satisfactory. The produce realised £21, seed and labour amounted to £17, leaving a surplus of £4.

SCAVENGING AND REFUSE REMOVAL.

The scavenging and removal of refuse in your District continue to be carried out by your own teams exclusively and

have my frequent attention. During the earlier part of the year one of the horses of the department fell off work, and after some weeks' rest had to be destroyed. During this time and until a new horse was purchased I had to engage hired teams to keep this department up to strength. During the year 6 acres of land in Nibshaw Lane has been purchased for use as a tip for the disposal of the refuse not taken on to farmers' land. This is covered with the soil which is taken off as necessity arises.

The total amount of refuse dealt with was 2,482 loads in 460·5 days, or an average of 5·4 loads per day per team, at a cost of 2s. 7·46d. per load.

The cost of this Department during the year has been as follows:—

	£ s. d.	£ s. d.
Hay, Corn, and Chop	67 19 11	
Harness and Repairs	2 17 0	
Shoeing, &c.	5 3 11	
Pasturage	7 0 0	
Veterinary Surgeon's Fees	2 11 0	
		85 11 10
½ Rent, Coal, Light, and Rent of Buildings ...		15 0 1
Wages: 2 Teamers and Assistants, Covering Tip, &c.		220 1 5
Sundries, Repairs to Carts, Stables, &c.		7 0 0
Hired Teams		19 4 0
		£346 17 4
Deduct for Teams working in other departments ...		16 10 0
		£330 7 4

STREET LIGHTING.

The lighting of streets is at present stationary. As pointed out in my last report the whole of the Street Lighting was undertaken by the Gas Company, and gave satisfaction. The Council have agreed with them again on the same terms as last year. As previously reported to you during the past few years the lanterns are not what they ought to be for Incandescent Lighting. At least a quarter of the whole are practically worn out and are in need of replacing with a more modern type. I trust that in my next report I shall be able to say that this matter has received attention. No additions have been made. Two have been removed slightly in position. The number are now as follows:—

Incandescent.	Ordinary.	Total.
102.	74.	176.

HOUSING.

The work of House-to-House Inspection is proceeding. With other pressing work during the year fewer have been inspected than previously. The worst then received attention. I hope to be able to push on with this work presently.

8 New Houses have been erected, but only one is yet occupied.

There is still keen competition for good houses. I understand from one owner who has erected 6 that fifty applications have been made for them.

Plans submitted to and approved by Council:—	
New Houses	8
Alterations to Houses	0
Factories and Workshops	3
W.C.s. and Drainage	4
Outbuildings	2
	17
New Buildings Erected and Altered:—	
New Houses (proceeding)	8
Alterations to Houses	0
Factories and Workshops	3
New Shops	0
Water Closets	12
Privies	1
Outbuildings	2
	26

Your Obedient Servant,

BEN HINCHLIFFE, M.Inst.Mun.E.,

Engineer, Surveyor, and Inspector of Nuisances.

Gomersal Urban Sanitary District.

TABLE 1.—Vital Statistics of Whole District during 1913 and Previous Years.

Year.	Population estimated to Middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.			
		Un-corrected Number	Nett.						Under 1 Year of Age		At all Ages.	
			Number †	Rate.	Number *	Rate	of Non-residents registered in the District. †8	Resident not registered in the District. †9	Number *	Rate per 1,000 Nett Births	Number. *	Rate
1	2	3	4	5	6	7			10	11	12	13
1908	4,206	78	78	18.54	58	13.78		8	7	89	66	15.69
1909	4,285	68	68	15.86	49	11.43		8	8	117	57	13.30
1910	4,260	70	70	16.43	48	11.26		6	5	71	54	12.67
1911	3,796	79	81	21.33	52	13.69	2	9	9	111	59	15.54
1912	3,810	68	68	17.84	43	11.26		6	7	102	49	12.86
1913	3,835	82	83	21.64	49	12.77		4	8	69	53	13 82

Area of District in acres (land and inland water)—1099.

At Census of 1911. { Total population at all ages—3,796.
Number of inhabited houses—993.
Average number of persons per house—3·82 }

NOTES.—This Table is arranged to show the gross births and deaths n the district, and the births and deaths properly belonging to it with the corresponding rates. For years before 1911 some of the corrected rates probably will not be available. The rates should be calculated per 1000 of the estimated gross population. In a district in which large Public Institutions for the sick or infirm seriously affect the statistics, the rates in Columns 5 and 13 may be calculated on a nett population, obtained by deducting from the estimated gross population the average number of inmates not belonging to the district in such institutions.

* In Column 6 are to be included the whole of the deaths registered during the year as having actually occurred within the district.

In Column 12 is to be entered the number in Column 6, corrected by subtraction of the number in Column 8 and by addition of the number in Column 9. Deaths in Column 10 are to be similarly corrected by subtraction of the deaths under 1, included in the number given in Column 8, and by addition of the deaths under 1 included in the number given in Column 9.

† The Medical Officer of Health will be able from the returns made to him by the local Registrar of Deaths, as well as from the quarterly lists furnished by the Registrar-General, to fill in Column 8 in accordance with the rule in the next paragraph below. The Registrar-General, either directly or through the County Medical Officer of Health, will supply the Medical Officer of Health with the particulars of deaths to be entered in Column 9; and all such deaths must be included in this Column, unless an error is detected, and its correction has been accepted by the Registrar-General. For Column 4 the Registrar-General will furnish to the Medical Officer of Health a Statement of the number of births needing to be added to or subtracted from the total supplied by the local Registrar.

‡ "Transferable Deaths" are deaths of persons who, having a fixed or usual residence in England or Wales, die in a district other than that in which they resided. The deaths of persons without fixed or usual residence, *e.g.*, casuals, must not be included in Columns 8 or 9, except in certain instances under 3 (*b*) below. The Medical Officer of Health will state in Column 8 the number of transferable deaths of "non-residents" which are to be deducted, and will state in Column 9 the number of deaths of "residents" registered outside the district which are to be added in calculating the nett death-rate of his district.

The following special cases arise as to Transferable Deaths :—

(1) Persons dying in Institutions for the sick or infirm, such as hospitals, lunatic asylums, workhouses, and nursing homes (but not almshouses) must be regarded as residents of the district in which they had a fixed or usual residence at the time of admission. If the person dying in an Institution had no fixed residence at the time of admission, the death is not transferable. If the patient has been directly transferred from one such institution to another, the death is transferable to the district of residence at the time of admission to the first Institution

(2) The deaths of infants born and dying within a year of birth in an Institution to which the mother was admitted for her confinement should be referred to the district of fixed or usual residence of the parent.

(3) Deaths from Violence are to be referred (*a*) to the district of residence, under the general rule; (*b*) if this district is unknown, or the deceased had no fixed abode, to the district where the accident occurred, if known; (*c*) failing this, to the district where death occurred, if known; and (*d*) failing this, to the district where the body was found.

Table II—Cases of Infectious Disease notified during the Year 1913
Sanitary District of Gomersal.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.							No. of cases removed to hospital from each locality.
	At all Ages.	At Ages†—Years.						
		1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	
Diphtheria (including Membranous Croup)	7	1	3	2	1			6
Scarlet Fever								
Enteric Fever	3	1	1		1			3
Puerperal Fever								
Pulmonary Tuberculosis ...	7	1	1	1	3	1		
Other forms of Tuberculosis	1			1				
Totals	18	3	5	4	5	1		9

Isolation Hospital—Oakwell Jo.nt Hospital and no other Hospital.

NOTES.—State in space below the name and position within or without the district of the isolation hospital or hospitals, sanatoria or other institutions to which the residents in the district, suffering from infectious disease, have usually been sent, and the name of the authority by whom the hospital is provided.

* This space may be used for record of other diseases, the notification (compulsory or voluntary) of which is in force in the district.

† These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.

‡ Specify the disease by initial against the figure.

F The figures should take account of any corrections made as a result of error in notification or revision of diagnosis as a result of a further course of the disease (*cf.* para (3) on p. 3 of the Weekly Summary of Cases of Infectious Diseases).

Table III.—Causes of, and Ages at, Death during Year 1913.

GOMERSAL.

Causes of Death	Nett deaths at the subjoined ages of "residents" whether occurring within or without the district (a)									Total Deaths in Public Institutions in the District
	All ages	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	
1	2	3	4	5	6	7	8	9	10	11
All causes { Certified ... ... / Uncertified ...	53	8		2	2	3	7	8	23	
Enteric Fever	1						1			
Phthisis (Pulmonary Tuberculosis) ...	2						2			
Tuberculous Meningitis	1				1					
Other Tuberculous Diseases ...	3	2				1				
Cancer, malignant disease	4							2	2	
Rheumatic Fever	1				1					
Meningitis (*See* note (*d*))										
Organic Heart Disease	10						1	1	8	
Bronchitis										
Pneumonia (all forms)	2			1		1				
Other diseases of respiratory organs ...										
Diarrhœa and Enteritis (see note e) ...	1			1						
Appendicitis and Typhlitis ...										
Cirrhosis of Liver	2								2	
Nephritis and Bright's Disease .	3							3		
Other accidents and diseases of Pregnancy and Parturition ...										
Congenital Debility and Malformation, including Premature Birth ...	3	3								
Violent Deaths, excluding Suicides ...	1						1			
Suicide	1					1				
Other Defined Diseases	17	3					2	2	10	
Diseases ill-defined or unknown ...	1								1	
	53	8		2	2	3	7	8	23	

NOTES TO TABLE III.

The classification and numbering of Causes of Death are those of the "Short List" on Page XXV. of the Manual of the International List of Causes of Death, which should be consulted and followed in all cases of doubt.

Copies of this Manual were distributed to Medical Officers of Health in 1912 by the Registrar-General, and may be purchased either directly or through any bookseller from Wyman & Sons, Fetter Lane, E.C., price 1/-.

(*a*) All "Transferable Deaths" of residents, *i.e.*, of persons resident in the District who have died outside it, are to be *included* with the other deaths in Columns 2-10. Transferable deaths of non-residents, *i.e.*, of persons resident elsewhere in England and Wales who have died in the District, are in like manner to be *excluded* from these columns. For the precise meaning of the term "transferable deaths" *see* footnote to Table I.

The total deaths in Column 2 of Table III. should equal the figures for the year in Column 12 of Table I.

(*b*) All deaths occurring in institutions for the sick and infirm situated within the district, whether of residents or of non-residents, are to be entered in the last column of Table III.

(*c*) All deaths certified by registered Medical Practitioners and all Inquest cases are to be classed as "Certified"; all other deaths are to be regarded as "Uncertified."

(*d*) Exclusive of "Tuberculous Meningitis" (10), but inclusive of Cerebro-Spinal Meningitis.

(*e*) Title 19 should be used for deaths from Diarrhœa and Enteritis at all ages. (In the "Short List" deaths from Diarrhœa and Enteritis under 2 years are included under Title 19; those at 2 years and over being placed under Title 28).

Urban District of Gomersal

Table IV.—Infantile Mortality during the Year 1913.

Deaths from stated causes in Weeks and Months under One Year of Age.

Cause of Death.	Under 1 Week.	1 to 2 Weeks	2 to 3 Weeks	3 to 4 Weeks	Total under 4 weeks.	4 Weeks & under 3 Months	3 Months & under 6 Months	6 Months & under 9 Months	9 Months & under 12 Months	Total Deaths under 1 Year
All Causes. Certified ...	2	1				4	1			8
All Causes. Uncertified ...										
Measles										
Whooping-Cough										
Abdominal Tuberculous *(b)* ...						1	1			2
Convulsions ...										
Bronchitis										
Pneumonia (all forms) ...										
Diarrhœa										
Atelectasis	1									1
Premature Birth	1	1								3
Atrophy, Debility and Marasmus										
Other Causes						2				2
TOTAL	2	1				4	1			8

Nett Births in the year—legitimate, 82.
illegitimate, 1.

Nett Deaths in the year of—legitimate infants, 8.
illegitimate infants, 0.

NOTES TO TABLE IV.

(*a*) The total in the last column of Table IV. should equal the total in Column 10 of Table I, and in Column 3 of Table III.

(*b*) Under Abdominal Tuberculosis are to be included deaths from Tuberculous Peritonitis and Enteritis and from Tabes Mesenterica.

(*c*) The total deaths from Congenital Malformations, Premature Birth, Atrophy, Debility and Marasmus, should equal the total in Table III. under the heading Congenital Debility, and Malformation including Premature Birth.

Want of Breast Milk should be included under Atrophy and Debility.

(*d*) For references to the meaning of any other headings, *see* notes attached to Table III.

In recording the facts under the various headings of Tables I., II., III., and IV., attention has been given to the notes on the Tables.

TABLE C.

WATER SUPPLY—

Any developments during 1913? No.

Any insufficiency, and where? Throstle Nest, Lands Farm, and Swinley.

Any curtailment? No.

Did any wells fail, and where? No.

Any unsatisfactory quality, and where? One well at Lower Spen. Public water laid on.

Any unchecked plumbo-solvent action? No.

DRAINAGE AND SEWERAGE—

Any developments during 1913? 507 yards 9″, 6″, and 4″ pipes.

Developments still needed as to (a) Want of sewers? Cliffe Lane, Lower Spen. (b) Improvement of defective sewers? Birdacre, Scott Lane.

Any inadequacy of Sewage Disposal Works or complaints as to smells? No.

No. of sink-wastes disconnected during 1913? None. Trapped? None.

Proportion of sink-wastes still needing disconnection? None. Untrapped? None.

CLOSET ACCOMMODATION—

No. of Privies with open middens? None.

No. of Pail or Tub Closets? 166.

No. of Privies with covered middens? 379.

No. of Water Closets? 250. Waste-water Closets? 14.

No. of Privies re-constructed during 1913—(a) as w.c.'s? 1. (b) other? None.

No. of additional Closets provided for old property in 1913—(a) w.c.'s? 11. (b) other ? None.

No. of Closets constructed in 1913 for new houses—(a) w.c.'s? 1.

SCAVENGING—

How is refuse disposed of? (a) Destructor: —— (b) Tips: Part. (c) Farmers: Part. Total annual cost? £330

Is there any inadequacy, and where? No.

Any change during 1913? The Local Authority have purchased land for a tip (6 acres).

NUISANCE INSPECTIONS—

Total No. of Inspections made in 1913? 77 Special Inspections.

Informal Notices served? 14. Complied with? 14.
Statutory Notices served? 2. Complied with? 2.
Total No. of Nuisances in hand at close of 1912? 10.
At close of 1913? 7.
Total No. of Nuisances reported during 1913? 16.
Abated during 1913? 19.
Total No. of Summonses or other legal proceedings? None.

COMMON LODGING HOUSES—None.

CANAL BOATS—None.

KNACKERS YARDS—None.

OFFENSIVE TRADES—

No. in District? 7. No. on Register? 7. Total No. of Inspections made? 14. General condition? Satisfactory. Legal Proceedings? None. 2 Chemical, 2 Leather, 1 Warp Sizing, 1 Soapworks, 1 Gasworks.

Have the Council declared any other process to be offensive trades, e.g., Fish-frying, Maggot-breeding, etc? No.

SCHOOLS—

No. of Elementary Schools in District? Three.
No. of Visits to Schools? Numerous.
Action taken? Sanitary arrangements good. Supervision over Ringworm and Diphtheria.

MILK SUPPLY—

No. of samples taken by Officers of S.A. for analysis under F. & D. Acts? None. No. adulterated? None.
No. of samples taken by Officers of S.A. for bacteriological examination? None.
What arrangement for Veterinary Inspection of dairy cows? If necessary a Veterinary Surgeon specially engaged.
No. of animals notified by Police under Tuberculosis Order, 1913? One.
Any action thereon by S.A., e.g., to ascertain if cowsheds affected were satisfactory? Found satisfactory.
Any instance of disease attributed to milk in 1913? No.
No. of Cowkeepers in district? 18. No. Registered? 18.
No. of Milk Sellers who are also Cowkeepers? 18.

No. who are Purveyors only? 2. Total No. Registered? 20.
Total No. of Cowsheds? 36.
No. of Inspections in 1913? 108. General condition? Fair.
Approx No. of Milch Cows in District? 143.
Any insufficiency in Milk Supply? No.
Legal proceedings under D.C.M. Orders? None.
Any Inspection or other action by Districts to which Milk is sent? None.

OTHER FOODS—

No. of samples (other than Milk) taken by Officer of S.A. for examination under the Food and Drugs Acts? None.
No. of seizures of unsound food? None.
No. of Prosecutions? None.
No. of Slaughter Houses? 3. No. Registered? 3.
Kind and Condition? Private; satisfactory.
No. of Prosecutions (a) Food and Drugs? None.
(b) Unsound Food? None. (c) re Slaughter Houses? None.

FACTORIES AND WORKSHOPS—

Any Smoke nuisance, and where? None.
No. of Smoke observations taken? None.
No. of Cautions? None. Legal Notices? None.
Summonses? None.

ADOPTIVE ACTS—

Acts adopted during 1913? None.

BYELAWS AND REGULATIONS—

Any adopted during 1913? None.
Are any other Byelaws needed? Revision still under consideration.

INFECTIOUS AND OTHER DISEASES—

What diseases have been specially prevalent in 1913? Diphtheria and Ringworm.
What special action to combat same? Isolation and Disinfection when necessary.
Is Hospital accommodation adequate and sufficient? Yes.
What arrangement for the supply of antitoxin? Kept by M.O.H.
Any diseases specially added to Notifiable List? None.
Any influences threatening the health of the District? No.

SPECIAL REPORTS AND INVESTIGATIONS—

Ringworm: None specially reported. Diphtheria.

TUBERCULOSIS—

(1) Inspection of patient's home and workshop? Home inspected.
(2) Examination for contacts? None.
(3) Disinfection? None.
(4) Distribution of advice leaflets? None.
(5) Action re spitting? None.
(6) Shelters provided? None.
(7) Is sputum examined? Yes.

BACTERIOLOGY—

Is County Laboratory utilized? Yes, occasionally.
Any suggestions? Should be oftener used.

INFANTILE MORTALITY—

What organised effort to control it? None.
Has Notification of Births Act, 1907, been adopted? No.
Is Health Visitor appointed by S.A.? No.
By other body? No.
Causes of any excessive Infant Mortality in 1913? No special cause.

VITAL STATISTICS—

Births during 1913? Males 45, Females 38; Total 83.
No. of illegitimate included in above? 1.
No. of Still Births (not included)? No record.
Deaths during 1913?—(1) Gross Deaths, i.e., Total actually registered in the District without any correction: 49.
(2) Nett Deaths on which the rates are calculated: Males 29, Females 24; 53.
No. of uncertified deaths (included above)? None.

MISCELLANEOUS—

Mean Temperature for 1913? No records.
Rainfall? No records.
What Mortuary accommodation—(a) for accidents? None.
(b) for infectious cases other than at Hospital? None.
No. of Burial Grounds? 4. Any need for extension? No.
Are there any Maggot breeding establishments in District? None.
Any nuisance therefrom or action in relation thereto? No.

SANITARY STAFF—

What is the present Annual Salary of the M.O.H.? £30.

Name of Sanitary Inspector? Ben Hinchcliffe. Annual Salary as Inspector? £25. Other appointments held? Surveyor and Lighting Inspector. Salary for such other appointments? £75.

Any Assistants? No. Is Staff sufficient? Yes.

INSPECTION OF FACTORIES, WORKSHOPS, AND WORKPLACES.

Including Inspection made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	No. of Inspections.
Factories (Including Factory Laundries)	24
Workshops (Including Workshop Laundries) ...	27
Workplaces (Other than Outworkers' Premises included in Part 3 of this Report)	12
Total	63

DEFECTS FOUND IN FACTORIES, WORKSHOPS, AND WORKPLACES.

	Found.	Remedied.	Referred to H.M. Inspector.	Prosecutions.
Want of Cleanliness	0	0	0	0
Want of Ventilation	0	0	0	0
Overcrowding	0	0	0	0
Want of Drainage of Floors ...	0	0	0	0
Other Nuisances	0	0	0	0
Sanitary Accommodation—				
Insufficient	0	0	0	0
Unsuitable or Defective ...	3	0	0	0
Not Separate for Sexes ...	0	0	0	0
Offences under the Factory and Workshop Acts:—				
Illegal Occupation of Underground Bakehouse (s. 101)...	0	0	0	0
Breach of Special Sanitary Requirements for Bakehouses (ss. 97 to 100)	0	0	0	0
Other Offences—				
Excluding offences relating to outwork which are included in Part 3 of this Report ...	0	0	0	0
	3	0	0	0

REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.

Milliners' Shops, Joiners ...	27

OTHER MATTERS.

Matters Notified to H.M. Inspector of Factories:—	
Failure to Affix Abstract of the Factory and Workshop Acts (s. 133, 1901)	0
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshops Acts (s. 5, 1901):—	
Notified by H.M. Inspector	0
Reports (of action taken) sent to H.M. Inspector ...	0
Underground Bakehouses (s. 101):—	
Certificates granted during the year	0
Failure to Affix Abstract of the Factory and Workshop Acts (s. 133, 1901)	0
In use at the end of the year	0

ILLINGWORTH BROS., General Printers, Heckmondwike